REMARKS

Reconsideration of the application in view of the foregoing amendments and the following remarks is respectfully requested. Claims 1, 3, 7, 13, 15, and 19 are amended in this reply. Claims 28 and 29 are added by this reply. Hence, Claims 1-9, 13-21, and 25-29 are currently pending in the application.

CLAIMS REJECTIONS—35 USC 103

The Office Action rejected Claims 1-9, 13-21, and 25-27 under 35 U.S.C. 103(a) as being unpatentable, allegedly, over U.S. Patent No. 6,493,837 ("Pang") in view of the Background section of the present application ("the Background") and "Java Network Programming, 2nd Edition" by Elliotte Rusty Harold ("Harold"). The rejections are traversed, respectfully, for at least the reasons discussed below.

As amended, Claim 1 recites, *inter alia*, "based on the throughput demands that are currently required for the web site domain, **changing a minimum number of data buffers that are to be consistently linked to the data structure**." Support for this amendment is found in the present application on page 21, lines 17-21, for example.

None of the cited references discloses this feature of Claim 1. None of the cited references discloses a minimum number of data buffers that are to be consistently linked to a data structure, or changing such a minimum number based on the throughput demands that are required for a web site domain that is associated with such a data structure.

Pang says "the flow of control then proceeds to step 319, in which the event tracing program removes one of the free buffers from the list 220 and associates it with the processor that just gave up a full log buffer" (col. 6, lines 9-12). However, Pang does

not disclose that any minimum number of log buffers that are to be associated with a processor may be changed based on the throughput demands that are required for a web site domain. In Pang's scheme, there is never more than one log buffer associated with a processor, and whenever a processor gives up a full log buffer, exactly one free buffer becomes associated with that processor thereafter. In Pang's scheme, the minimum number of free buffers that are to be associated with a processor never changes.

Pang, Harold, and the Background do not disclose, teach, or suggest "based on the throughput demands that are currently required for the web site domain, **changing a minimum number of data buffers that are to be consistently linked to the data structure**" as recited in Claim 1. Thus, Claim 1 is patentable over Pang, Harold, and the Background, taken individually or in combination.

Claims 2-9 and 28 depend from Claim 1 and therefore include all of the distinguished features of Claim 1. Thus, Claims 2-9 and 28 are patentable over Pang, the Background, and Harold for at least the reasons given above with reference to Claim 1.

Additionally, Claim 3 as amended recites, in part, "linking said one or more free data buffers into said data structure **into which one or more other data buffers already are linked**." As can be seen from FIG. 3A of the present application, multiple buffers may be linked into a buffer file and/or buffer array concurrently. Such a scenario may arise, for example, when the minimum number of data buffers that are to be consistently linked to a buffer file and/or buffer array is greater than one. This differs from Pang, in which at most one buffer is associated with a processor at any time. Therefore, Claim 3 is also patentable over Pang, the Background, and Harold for at least this reason.

Additionally, Claim 28 recites, among other features, "linking multiple data buffers into said data structure." As is discussed above, no more than one buffer is

associated with any of Pang's processors at any time. Therefore, Claim 28 is also patentable over Pang, the Background, and Harold for at least this reason.

Claims 13-21 and 29 recite computer-readable media that carry instructions for causing one or more processors to perform the methods of Claims 1-9 and 28, respectively. Therefore, Claims 13-21 and 29 are patentable over Pang, the Background, and Harold for at least the reasons given above in connection with Claims 1-9 and 28, respectively.

Among other features, Claim 25 recites, "the first server thread selecting, from among a plurality of buffer files, a first buffer file that is associated with the first web site domain, wherein the first buffer file contains **buffers** that are to be used for buffering log data that is associated with the first web site domain; **the first server thread selecting a first buffer from among a plurality of buffers within the first buffer file**." The Office Action apparently analogizes the "buffer file" to Pang's processor.

However, as is discussed above, no more than one buffer is ever associated with any of Pang's processors. Therefore, there is no way that Pang discloses selecting a buffer from among **a plurality of buffers within a buffer file**. The Background does not disclose buffer files that contain a plurality of buffers. Harold doesn't say anything about buffer files or buffers.

Therefore, Pang, Harold, and the Background do not disclose, teach, or suggest "the first server thread selecting, from among a plurality of buffer files, a first buffer file that is associated with the first web site domain, wherein the first buffer file contains **buffers** that are to be used for buffering log data that is associated with the first web site domain; **the first server thread selecting a first buffer from among a plurality of**

buffers within the first buffer file" as recited in Claim 25. Therefore, Claim 25 is patentable over Pang, Harold, and the Background, taken individually or in combination.

Claims 26 and 27 depend from Claim 25 and therefore include all of the distinguished features of Claim 25. Therefore, Claims 26 and 27 are patentable over Pang, the Background, and Harold for at least the reasons given above with reference to Claim 25.

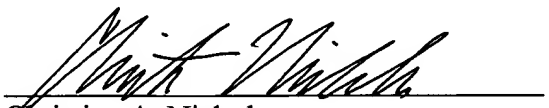
CONCLUSION

For at least the reasons set forth above, it is respectfully submitted that all pending claims are patentable over the art of record, including the art cited but not applied. Accordingly, allowance of all claims is hereby respectfully solicited.

Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: September 18, 2006



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